



# Hardi

Surgical & Dental Instruments





**Dorf Needle Holder**  
One Fenestrated Jaw

Catalog #	Size
MP-05-010-12	12 cm (4 ¾")

**Converse Needle Holder**  
Jaw With Longitudinal Serrations

Catalog #	Size
MP-05-012-12	13 cm (5")



**Collier Needle Holder**  
One Grooved Jaws

Catalog #	Size
MP-05-016-12	12.5 cm (5")

**Webster Needle Holder**  
Smooth Jaws

Catalog #	Size
MP-05-020-13	13 cm (5")





**Halsey Needle Holder**  
Smooth Jaws

Catalog #	Size
MP-05-024-13	13.5 cm (5 1/4")



**Halsey Needle Holder**  
Serrated Jaws

Catalog #	Size
MP-05-026-13	13.5 cm (5 1/4")



**Kilner Needle Holder**

Catalog #	Size
MP-05-029-13	13.5 cm (5 1/4")



**Neivert Needle Holder**  
Smooth Jaws With Special Groove

Catalog #	Size
MP-05-032-13	12.5 cm (5")



### Doyen Needle Holder

Catalog #	Size
MP-05-034-13	12.5 cm (5")



### Hegar-Baumgartner Needle Holder

Catalog #	Size
MP-05-038-14	14.5 cm (5 3/4")



### Brown Needle Holder Heavy Pattern

Catalog #	Size
MP-05-040-13	13 cm (5")
MP-05-040-18	18 cm (7")



### Lawrence Needle Holder

Catalog #	Size
MP-05-042-15	15 cm (6")





### Crile-Murray Needle Holder Slender Pattern

Catalog #	Size
MP-05-046-15	15 cm (6")



### Crile-Wood Needle Holder

Catalog # MP-	Size
05-050-15	15 cm (6")
MP-05-050-18	18 cm (7")
MP-05-050-20	20 cm (8")



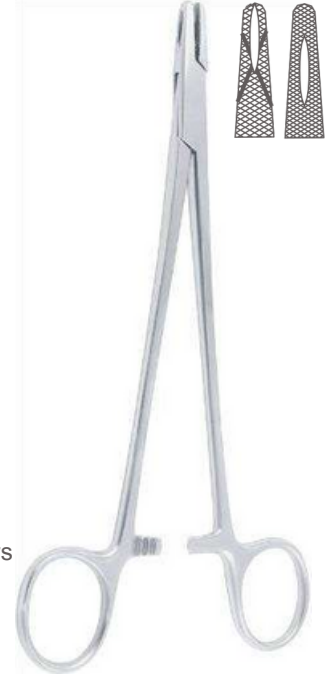
### Adson Needle Holder One Fenestrated Jaw

Catalog #	Size
MP-05-052-18	18 cm (7")



### Metzenbaum Needle Holder One Grooved and Fenestrated Jaws

Catalog #	Size
MP-05-054-18	18.5 cm (7 1/4")





### M.G. Hospital Needle Holder

Heavy Pattern

Catalog #	Size
MP-05-056-17	17.5 cm (7")



### Mayo-Hegar Needle Holder

Catalog # MP-	Size
05-060-14	14.5 cm (5 3/4")
MP-05-060-16	16 cm (6 1/4")
MP-05-060-18	18.5 cm (7 1/4")
MP-05-060-20	20.5 cm (8")
MP-05-060-24	24 cm (9 1/2")
MP-05-060-26	26.5 cm (10 1/2")
MP-05-060-30	30.5 cm (12")



### Mayo-Hegar (Delicate) Needle Holder

Slender Pattern

Catalog #	Size
MP-05-062-16	16 cm (6 1/4")
MP-05-062-18	18.5 cm (7 1/4")
MP-05-062-20	20.5 cm (8")





### Sartot Needle Holder

Catalog #	Size
MP-05-068-18	18 cm (7")
MP-05-068-26	25.5 cm (10")



### Heaney Needle Holder

Catalog #	Size
MP-05-070-21	20.5 cm (8")



### Jameson Needle Holder

Catalog #	Size
MP-05-072-23	23.5 cm (9 1/4")



### Masson Needle Holder

Catalog #	Size
MP-05-074-27	26.5 cm (10 1/2")



**Masson-Luethy Needle Holder**

Catalog #	Size
MP-05-077-26	25.5 cm (10")



**Finochietto Needle Holder**

Catalog #	Size
MP-05-079-27	26.5 cm (10 1/2")



**Wangensteen Needle Holder**

Catalog #	Size
MP-05-082-27	26.5 cm (10 1/2")



**Johnson Needle Holder**

Catalog #	Size
MP-05-085-27	27 cm (10 3/4")



### Stratte Needle Holder

Catalog # MP-05-087-20	Size 20 cm (8")
MP-05-087-23	23 cm (9")



### Olsen-Hegar Needle Holder

Catalog # MP-05-090-14	Size 14 cm (5 1/2")
MP-05-090-18	18.5 cm (7 1/4")



### Gillies Needle Holder

Catalog # MP-05-094-16	Size 16 cm (6 1/4")
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### Mathieu Needle Holder

Catalog # MP-05-100-14	Size 14 cm (5 1/2")
MP-05-100-17	17 cm (6 3/4")
MP-05-100-20	20 cm (8")





**Mathieu (Delicate) Needle Holder**

Catalog #	MP-	Size
05-102-14		14 cm (5 1/2")
MP-05-102-17		16.5 cm (6 1/2")



**Lichtenberg Needle Holder**

Catalog #	MP-	Size
05-110-20		20 cm (8")
MP-05-110-25		25 cm (9 3/4")



**Zweifel Needle Holder**

Catalog #	MP-	Size
05-120-20		20 cm (8")
MP-05-120-23		23 cm (9")



**Hoesel Needle Holder**

Catalog #	Size
MP-05-124-25	25 cm (9 3/4")



**Crile Needle Holder**

Catalog #	Size
MP-05-130-15	15 cm (6")

**Toennis Needle Holder**

Catalog #	Size
MP-05-134-18	18.5 cm (7 1/4")



**Langenbeck Needle Holder**

Catalog #	MP-	Size	16 cm
05-140-16		(6 1/4")	
MP-05-140-18		18 cm (7")	
MP-05-140-20		20 cm (8")	

**McPherson Micro Needle Holder**  
Straight, Very Delicate, Without Lock

Catalog #	Size
MP-05-200-10	10 cm (4")





**McPherson Micro Needle Holder**  
Curved, Very Delicate, Without Lock

Catalog #	Size
MP-05-201-10	10 cm (4")



**McPherson Micro Needle Holder**  
Straight, Very Delicate, With Lock

Catalog #	Size
MP-05-202-10	10 cm (4")



**McPherson Micro Needle Holder**  
Curved, Very Delicate, With Lock

Catalog #	Size
MP-05-203-10	10 cm (4")



**Castroviejo Micro Needle Holder**  
Straight, Delicate

Catalog #	Size
MP-05-210-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Delicate

Catalog #	Size
MP-05-211-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Straight, Delicate, With Lock

Catalog #	Size
MP-05-212-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Delicate, With Lock

Catalog #	Size
MP-05-213-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Straight, Standard, Without Lock

Catalog #	Size
MP-05-220-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Standard, Without Lock

Catalog #	Size
MP-05-221-14	14 cm (5 1/2")

**Castroviejo Micro Needle Holder**  
Straight, Standard, With Lock

Catalog #	Size
MP-05-222-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Standard, With Lock

Catalog #	Size
MP-05-223-14	14 cm (5 1/2")

**Jacobson Micro Needle Holder**  
Straight, Without Lock

Catalog #	Size
MP-05-230-18	18.5 cm (7 1/4")





**Jacobson Micro Needle Holder**  
Straight, With Lock

Catalog #      Size  
MP-05-231-18      18.5 cm (7 1/4")



**Micro Needle Holder**  
Straight, With Lock

Catalog #      Size  
MP-05-234-21      21 cm (8 1/4")



**Yasargil Micro Needle Holder**  
Straight

Catalog #      Size  
MP-05-238-16      16 cm (6 1/4")



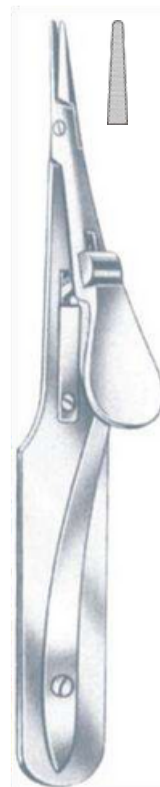
**Yasargil Micro Needle Holder**  
Curved

Catalog #      Size  
MP-05-239-16      16 cm (6 1/4")



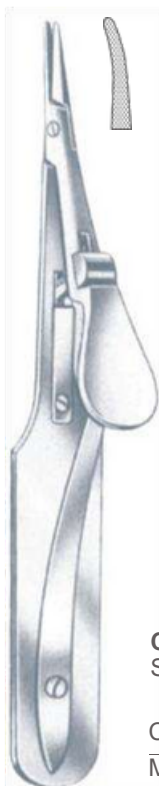
**Kalt Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-246-14	13.5 cm (5 1/4")



**Arruga Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-250-14	13.5 cm (5 1/4")



**Arruga Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-251-14	13.5 cm (5 1/4")



**Castroviejo Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-260-13	13 cm (5")



**Castroviejo Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-261-13	13 cm (5")



**Arruga Needle Holder**  
Straight, With Ratchet

Catalog #	Size
MP-05-266-16	16 cm (6 1/4")



**Arruga Needle Holder**  
Curved, With Ratchet

Catalog #	Size
MP-05-267-16	16 cm (6 1/4")



**Micro Needle Holder**  
Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
MP-05-271-16	16 cm (6 1/4")



**Micro Needle Holder**  
Straight, Bayonet Shaped, Smooth Jaws

Catalog #	Size
MP-05-274-23	23 cm (9")



**Micro Needle Holder**  
Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
MP-05-275-23	23 cm (9")



**Micro Needle Holder**  
Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
MP-05-277-19	19 cm (7 1/2")



**Yasargil Micro Needle Holder**  
Straight, Bayonet Shaped, Smooth Jaws

Catalog #	Size
MP-05-280-20	20 cm (8")
MP-05-280-23	23 cm (9")



**Yasargil Micro Needle Holder**  
Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
MP-05-281-20	20 cm (8")
MP-05-281-23	23 cm (9")



**Barraquer-Troutman Micro Needle Holder**  
Straight, Extra Delicate, Round Handle

Catalog #	Size
MP-05-300-10	10 cm (4")



**Barraquer-Troutman Micro Needle Holder**  
Curved, Extra Delicate, Round Handle

Catalog #	Size
MP-05-301-10	10.5 cm (4")



**Barraquer-Troutman Micro Needle Holder**  
Straight, Very Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-310-10	10.5 cm (4")
MP-05-310-11	11.5 cm (4½")



**Barraquer-Troutman Micro Needle Holder**  
Curved, Very Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-311-10	10.5 cm (4")
MP-05-311-11	11.5 cm (4 1/2")



**Barraquer Micro Needle Holder**  
Curved, Delicate, Round Handle

Catalog #	Size
MP-05-313-11	11.5 cm (4 1/2")



**Barraquer Micro Needle Holder**  
Curved, Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-315-11	11.5 cm (4 1/2")



**Titan Barraquer Micro Needle Holder**  
Curved, Delicate, Round Handle, With Lock, Titanium

Catalog #	Size
MP-05-315-11 T	11.5 cm (4 1/2")



**Barraquer Micro Needle Holder**  
Straight, Very Delicate, Round Handle

Catalog #	Size
MP-05-320-13	13 cm (5")



**Barraquer Micro Needle Holder**  
Curved, Very Delicate, Round Handle

Catalog #	Size
MP-05-321-13	13 cm (5")



**Barraquer Micro Needle Holder**  
Straight, Very Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-322-13	13 cm (5")



**Barraquer Micro Needle Holder**  
Curved, Very Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-323-13	13 cm (5")



**Barraquer Micro Needle Holder**  
Curved, Very Delicate, Round Handle

Catalog #	Size
MP-05-331-14	14 cm (5 1/2")



**Barraquer Micro Needle Holder**  
Curved, Very Delicate, Round Handle, Titanium

Catalog #	Size
MP-05-331-14 T	14 cm (5 1/2")



**Barraquer Micro Needle Holder**  
Curved, Very Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-333-14	14 cm (5 1/2")



**Barraquer Micro Needle Holder**  
Curved, Very Delicate, Round Handle, With Lock, Titanium

Catalog #	Size
MP-05-333-14 T	14 cm (5 1/2")



**Troutman Micro Needle Holder**  
Strongly Curved, Delicate, Round Handle

Catalog #	Size
MP-05-341-12	12 cm (4 3/4")



**Troutman Micro Needle Holder**  
Strongly Curved, Delicate, Round Handle, With Lock

Catalog #	Size
MP-05-343-12	12 cm (4 3/4")



**Reill Micro Needle Holder**  
Straight

Catalog #	Size
MP-05-350-15	15 cm (6")



**Reill Micro Needle Holder**  
Curved

Catalog #	Size
MP-05-351-15	15 cm (6")



**Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-352-15	15 cm (6")



**Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-353-15	15 cm (6")



**Micro Needle Holder**  
Straight

Catalog #	Size
MP-05-354-18	18.5 cm (7 1/4")



**Micro Needle Holder**  
Curved

Catalog #	Size
MP-05-355-18	18.5 cm (7 1/4")



**Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-356-18	18.5 cm (7 1/4")



**Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-357-18	18.5 cm (7 1/4")



**Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-360-20	20 cm (8")



**Micro Needle Holder**  
Straight, Delicate, With Lock

Catalog #	Size
MP-05-362-23	23 cm (9")



**Castroviejo Micro Needle Holder**  
Straight, Extra Delicate

Catalog #	Size
MP-05-400-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Extra Delicate

Catalog #	Size
MP-05-401-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Straight, Extra Delicate, With Lock

Catalog #	Size
MP-05-402-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Extra Delicate, With Lock

Catalog #	Size
MP-05-403-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Straight, Very Delicate

Catalog #	Size
MP-05-404-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Very Delicate

Catalog #	Size
MP-05-405-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Straight, Very Delicate, With Lock

Catalog #	Size
MP-05-406-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**  
Curved, Very Delicate, With Lock

Catalog #	Size
MP-05-407-14	14 cm (5 1/2")



**Castroviejo Micro Needle Holder**

Straight, Delicate

Catalog #	Size
MP-05-410-18	18 cm (7")



**Castroviejo Micro Needle Holder**

Curved, Delicate

Catalog #	Size
MP-05-411-18	18 cm (7")



**Castroviejo Micro Needle Holder**  
Straight, Delicate, With Lock

Catalog #	Size
MP-05-412-18	18 cm (7")



**Castroviejo Micro Needle Holder**  
Curved, Delicate, With Lock

Catalog #	Size
MP-05-413-18	18 cm (7")



**Micro Needle Holder**  
Straight, Without Lock

Catalog #	Size
MP-05-420-14	14 cm (5 1/2")
MP-05-420-18	18 cm (7")
MP-05-420-21	21 cm (8 1/4")
MP-05-420-23	23 cm (9")



**Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-422-14	14 cm (5 1/2")
MP-05-422-18	18 cm (7")
MP-05-422-21	21 cm (8 1/4")
MP-05-422-23	23 cm (9")



**Micro Needle Holder**  
Straight, Round Handle

Catalog #	Size
MP-05-430-14	14 cm (5 1/2")



**Titan Micro Needle Holder**  
Straight, Round Handle, Titanium

Catalog #	Size
MP-05-430-14 T	14 cm (5 1/2")



**Micro Needle Holder**  
Straight, Round Handle

Catalog #	Size
MP-05-430-16	16 cm (6 1/4")



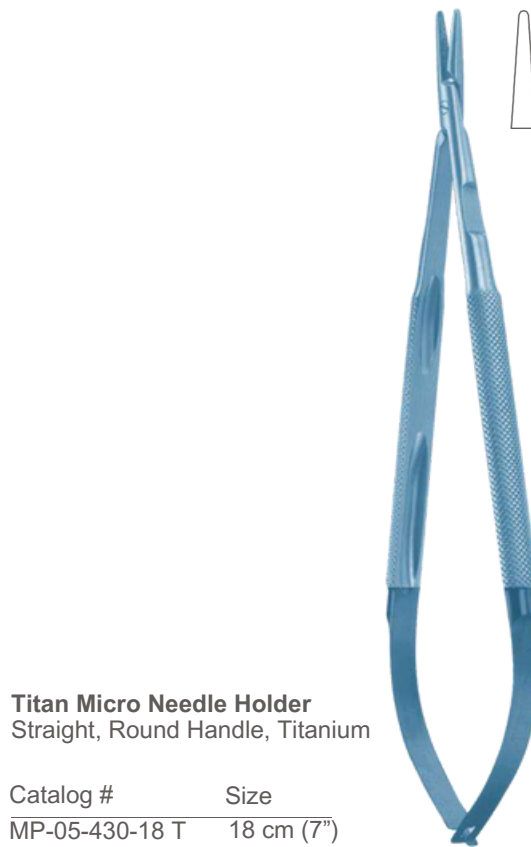
**Titan Micro Needle Holder**  
Straight, Round Handle, Titanium

Catalog #	Size
MP-05-430-16 T	16 cm (6 1/4")



**Micro Needle Holder**  
Straight, Round Handle

Catalog #	Size
MP-05-430-18	18 cm (7")



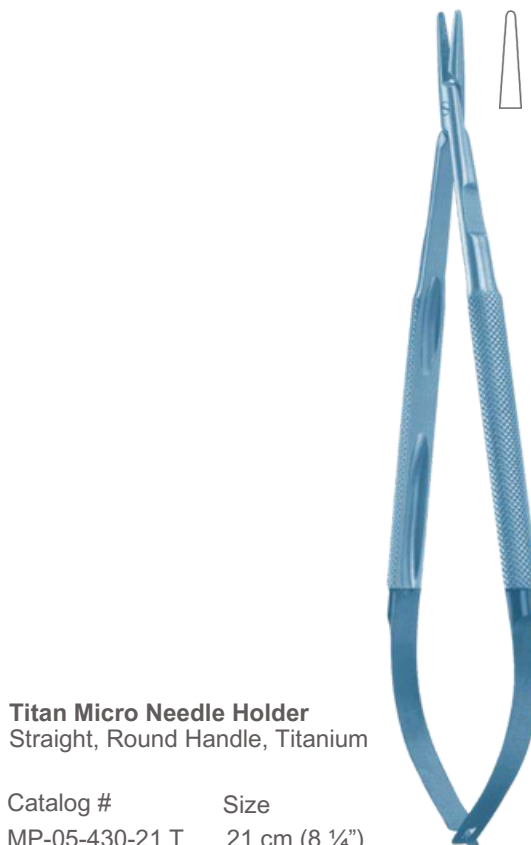
**Titan Micro Needle Holder**  
Straight, Round Handle, Titanium

Catalog #	Size
MP-05-430-18 T	18 cm (7")



**Micro Needle Holder**  
Straight, Round Handle

Catalog #	Size
MP-05-430-21	21 cm (8 1/4")



**Titan Micro Needle Holder**  
Straight, Round Handle, Titanium

Catalog #	Size
MP-05-430-21 T	21 cm (8 1/4")



**Micro Needle Holder**  
Straight, Round Handle

Catalog #	Size
MP-05-430-23	23 cm (9")



**Micro Needle Holder**  
Straight, Round Handle, With Lock

Catalog #	Size
MP-05-432-14	14 cm (5 1/2")



**Titan Micro Needle Holder**  
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
MP-05-432-14 T	14 cm (5 1/2")



**Micro Needle Holder**  
Straight, Round Handle, With Lock

Catalog #	Size
MP-05-432-16	16 cm (6 1/4")



**Titan Micro Needle Holder**  
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
MP-05-432-16 T	16 cm (6 1/4")



**Micro Needle Holder**  
Straight, Round Handle, With Lock

Catalog #	Size
MP-05-432-18	18 cm (7")



**Titan Micro Needle Holder**  
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
MP-05-432-18 T	18 cm (7")



**Micro Needle Holder**  
Straight, Round Handle, With Lock

Catalog #	Size
MP-05-432-21	21 cm (8 1/4")



**Titan Micro Needle Holder**  
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
MP-05-432-21 T	21 cm (8 1/4")



**Micro Needle Holder**  
Straight, Round Handle, With Lock

Catalog #	Size
MP-05-432-23	23 cm (9")



**Micro Needle Holder**  
Straight, Heavy Pattern, Round Handle

Catalog #	Size
MP-05-440-19	19 cm (7 1/2")
MP-05-440-23	23 cm (9")
MP-05-440-25	25 cm (9 3/4")



**Micro Needle Holder**  
Straight, Heavy Pattern, Round Handle, With Lock

Catalog #	Size
MP-05-442-19	19 cm (7 1/2")
MP-05-442-23	23 cm (9")
MP-05-442-25	25 cm (9 3/4")



**Castroviejo Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-450-12	12.5 cm (5")



**Hepp-Scheidt Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-452-18	18.5 cm (7 1/4")



### DeBakey Needle Holder

Catalog #	MP-	Size	15
05-460-15		cm (6")	18
MP-05-460-18		cm (7")	20
MP-05-460-20		cm (8")	23
MP-05-460-23		cm (9")	



### Ryder Vascular Needle Holder

Catalog #	MP-	Size	13	cm
05-470-13		(5")	15	cm
MP-05-470-15		(6")	18	cm
MP-05-470-18		(7")	22	cm (8
MP-05-470-22		¾")	25	cm (9
MP-05-470-25		¾")		



**TC Barraquer Micro Needle Holder**  
Curved, Smooth Jaws, Round Handle

Catalog #	Size
MP-05-500-13	13 cm (5")



**TC Barraquer Micro Needle Holder**  
Curved, Smooth Jaws, Round Handle , With Lock

Catalog #	Size
MP-05-502-13	13 cm (5")



**TC Castroviejo Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-510-14	14.5 cm (5 3/4")



**TC Castroviejo Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-511-14	14.5 cm (5 3/4")



**TC Castroviejo Micro Needle Holder**  
Straight, Smooth Jaws, With Lock

Catalog #	Size
MP-05-512-14	14.5 cm (5 3/4")



**TC Castroviejo Micro Needle Holder**  
Curved, Smooth Jaws, With Lock

Catalog #	Size
MP-05-513-14	14.5 cm (5 3/4")



**TC Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-520-18	18 cm (7")



**TC Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-521-18	18 cm (7")



**TC Jacobson Micro Needle Holder**  
Straight, With Lock

Catalog #	Size
MP-05-530-21	21.5 cm (8 ½")



**TC Jacobson Micro Needle Holder**  
Curved, With Lock

Catalog #	Size
MP-05-531-21	21.5 cm (8 ½")



**TC Castroviejo Micro Needle Holder**  
Smooth Jaws, With Lock

Catalog #	Size
MP-05-540-13	12.5 cm (5")



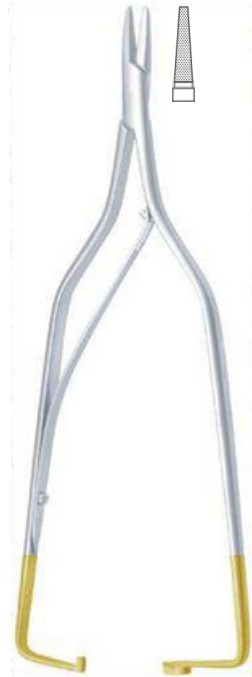
**TC Hepp-Scheidel Micro Needle Holder**  
Smooth Jaws, With Lock

Catalog #	Size
MP-05-544-18	18.5 cm (7 1/4")



**TC Diethrich Micro Needle Holder**

Catalog #	MP-	Size
05-550-16		16 cm (6 1/4")
MP-05-550-18		18 cm (7")
MP-05-550-20		20 cm (8")
MP-05-550-23		23 cm (9")
MP-05-550-26		26 cm (10 1/2")



**TC Arruga Needle Holder**  
Straight

Catalog #	Size
MP-05-560-16	16 cm (6 1/4")



**TC Arruga Needle Holder**  
Curved

Catalog #	Size
MP-05-561-16	16 cm (6 1/4")



**TC Webster Needle Holder**  
With Automatic Release Ratchet

Catalog #	Size
MP-05-564-13	13 cm (5")

**TC Crile-Wood Needle Holder**  
With Automatic Release Ratchet

Catalog #	Size
MP-05-566-15	15 cm (6")



**TC Webster Needle Holder**  
Smooth Jaws

Catalog #	Size
MP-05-570-13	13 cm (5")



**TC Kilner Needle Holder**  
S Shaped

Catalog #	Size
MP-05-573-13	13 cm (5")



**TC Derf Needle Holder**

Catalog #	Size
MP-05-576-12	12 cm (4 3/4")





**TC Hegar-Baumgartner Needle Holder**

Catalog #	Size
MP-05-580-	13 cm (5")
13 MP-05-580-14	14.5 cm (5 7/8")



**TC Halsey Needle Holder**  
Smooth Jaw

Catalog #	Size
MP-05-584-13	13 cm (5")

**TC Halsey Needle Holder**

Catalog #	Size
MP-05-586-13	13 cm (5")



**TC Webster Needle Holder**  
Smooth Jaw

Catalog #	Size
MP-05-588-12	12 cm (4 3/4")

**TC Converse Needle Holder**

Catalog #	Size
MP-05-590-12	12.5 cm (5")





**TC Crile-Wood Needle Holder**

Catalog #	MP-	Size
05-594-15		15 cm (6")
MP-05-594-18		18 cm (7")
MP-05-594-20		20 cm (8")



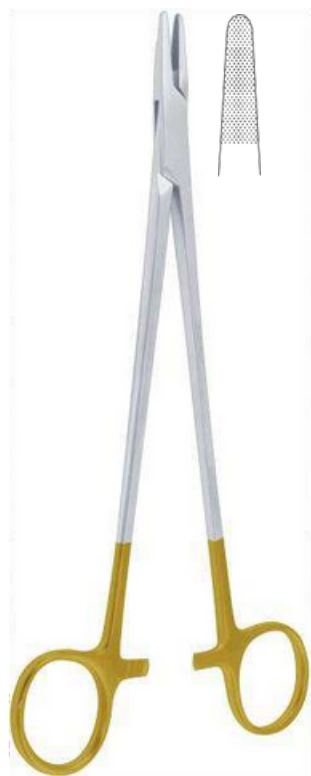
**TC Sarot Needle Holder**

Catalog #	MP-	Size
05-598-18		18 cm (7")
MP-05-598-20		20 cm (8")
MP-05-598-26		26 cm (10 1/4")

**TC Mayo-Hegar Needle Holder**

Catalog #	MP-	Size
05-600-14		14.5 cm (5 3/4")
MP-05-600-16		16 cm (6 1/4")
MP-05-600-18		18 cm (7")
MP-05-600-20		20 cm (8")
MP-05-600-24		24 cm (9 1/2")
MP-05-600-26		26 cm (10 1/4")
MP-05-600-30		30 cm (11 3/4")





### TC Hegar Needle Holder

Catalog #	Size
MP-05-602-20	20 cm (8")
MP-05-602-24	23.5 cm (9 1/4")



### TC Heaney Needle Holder

Catalog # MP-	Size
05-605-20	20 cm (8")
MP-05-605-24	24 cm (9 1/2")
MP-05-605-26	26 cm (10 1/4")



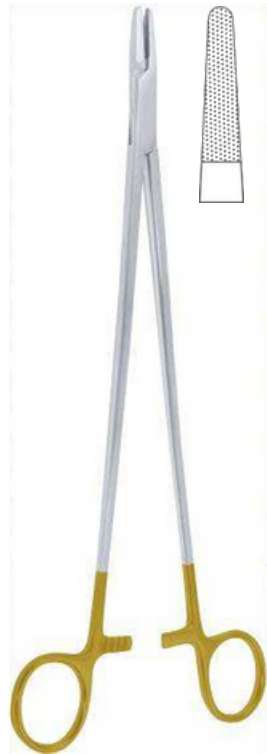
### TC Bozemann Needle Holder S Shaped

Catalog #	Size
MP-05-611-20	20.5 cm (8")
MP-05-611-24	24 cm (9 1/2")
MP-05-611-26	26.5 cm (10 1/2")
MP-05-611-28	29 cm (11 1/2")



### TC Stratte Needle Holder

Catalog #	Size
MP-05-615-21	21 cm (8 1/4")
MP-05-615-23	23 cm (9")



**TC Masson Needle Holder**

Catalog #	Size
MP-05-620-27	26.5 cm (10 1/2")



**TC Wangensteen Needle Holder**

Catalog #	Size
MP-05-624-27	27 cm (10 3/4")



**TC Needle Holder**

Catalog #	Size
MP-05-625-27	27 cm (10 3/4")



**TC Finochietto Needle Holder**

Catalog #	Size
MP-05-627-27	26.5 cm (10 1/2")



### TC Naunton-Morgan Needle Holder

Compound Action

Catalog #	Size
MP-05-630-26	26 cm (10 1/4")



### TC DeBakey Needle Holder

Catalog #	MP-	Size
05-650-18	MP-	18 cm (7")
05-650-20	MP-	20 cm (8")
05-650-23	MP-	23 cm (9")
05-650-26	MP-	26 cm (10 1/4")
05-650-31		31 cm (12 1/4")



### TC Ryder Needle Holder

Catalog #	MP-	Size	12.5 cm
05-660-13		(5")	15 cm
MP-05-660-15		(6")	18 cm
MP-05-660-18		(7")	20 cm
MP-05-660-20		(8")	23 cm
MP-05-660-23		(9")	26 cm (10
MP-05-660-26		1/4")	



### TC Ryder-Vascular Needle Holder

Catalog #	MP-	Size	12.5 cm
05-664-13		(5")	15 cm (6")
MP-05-664-15		18 cm (7")	20
MP-05-664-18		cm (8")	22.5
MP-05-664-20		cm (8 3/4")	26
MP-05-664-23		cm (10 1/4")	
MP-05-664-26			





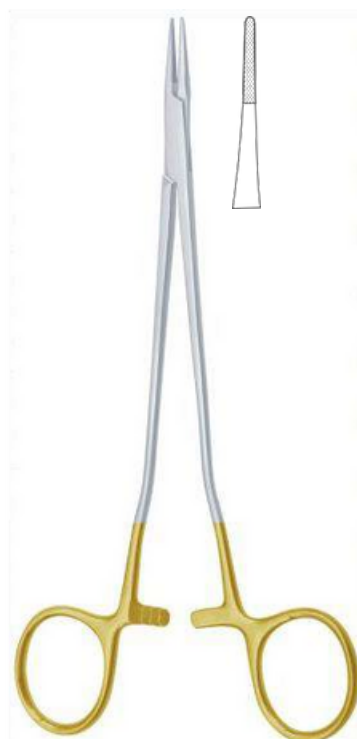
### TC Martin Needle Holder

Catalog # MP-	Size
05-670-15 MP-	15 cm (6")
05-670-17 MP-	17 cm (6 ¾")
05-670-20	20 cm (8")



### TC Hegar-Vascular Needle Holder

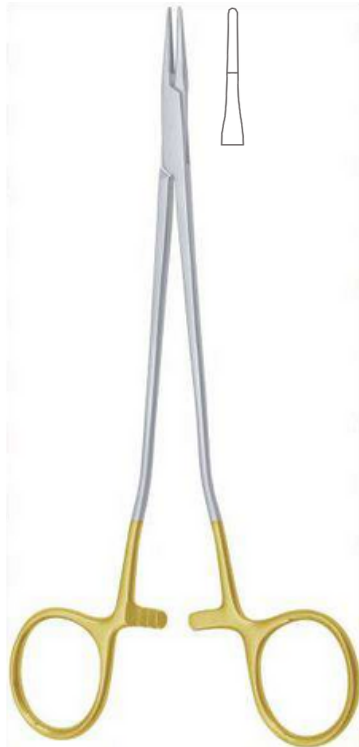
Catalog # MP-	Size
05-674-14 MP-	14 cm (5 ½")
05-674-18 MP-	18.5 cm (7 ¼")
05-674-20 MP-	20.5 cm (8")
05-674-23	23 cm (9")





### TC Micro Vascular Needle Holder

Catalog #	MP-	Size	14 cm
05-678-14		(5 1/2")	18 cm
MP-05-678-18		(7")	20 cm
MP-05-678-20		(8")	23 cm
MP-05-678-23		(9")	



### TC Martini Needle Holder

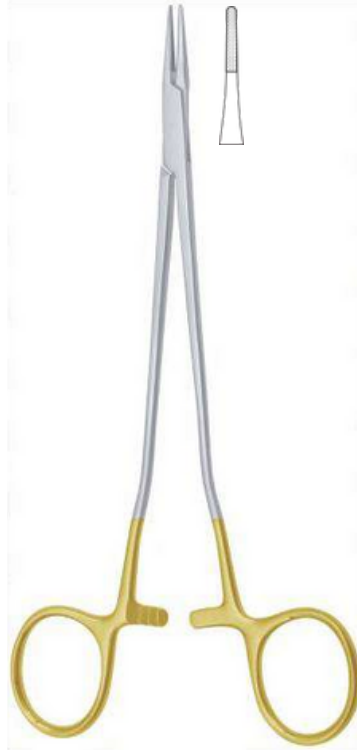
Smooth Jaw

Catalog #	Size
MP-05-680-14	14 cm (5 1/2")
MP-05-680-16	16 cm (6 1/4")
MP-05-680-18	18 cm (7")
MP-05-680-20	20 cm (8")



### TC Martini Needle Holder

Catalog # MP-	Size	14 cm
05-682-14	(5 1/2")	16 cm
MP-05-682-16	(6 1/4")	18 cm
MP-05-682-18	(7")	20 cm
MP-05-682-20	(8")	



### TC Olsen-Hegar Needle Holder

Catalog # MP-	Size	14.5 cm
05-690-14	(5 3/4")	
MP-05-690-17	17 cm (6 3/4")	
MP-05-690-18	19 cm (7 1/2")	





**TC Foster-Gillies Needle Holder**  
Smooth Jaws

Catalog #	Size
MP-05-693-11	11 cm (4 1/4")



**TC Gillies-Mini Needle Holder**

Catalog #	Size
MP-05-695-15	15 cm (6")



**TC Gillies Needle Holder**

Catalog #	Size
MP-05-697-16	16 cm (6 1/4")



### TC Mathieu Needle Holder

Catalog # MP-	Size	14 cm
05-700-14	(5 1/2")	17 cm
MP-05-700-17	(6 3/4")	20 cm
MP-05-700-20	(8")	



### TC Mathieu Needle Holder

Catalog # MP-	Size	14 cm
05-702-14	(5 1/2")	17 cm
MP-05-702-17	(6 3/4")	20 cm
MP-05-702-20	(8")	



**TC Mathieu Needle Holder**  
With Interior Ratchet

Catalog #	Size
MP-05-706-17	17 cm (6 <sup>3</sup> / <sub>4</sub> " )
MP-05-706-20	20 cm (8")
MP-05-706-23	23 cm (9")



**TC Lichtenberg Needle Holder**

Catalog #	Size
MP-05-710-20	20 cm (8")

**TC Zweifel Needle Holder**  
With Hinged Ratchet

Catalog #	Size
MP-05-720-20	20.5 cm (8")
MP-05-720-23	23 cm (9")





### TC Toennis Needle Holder

Catalog #	Size
MP-05-730-18	18.5 cm (7 1/4")

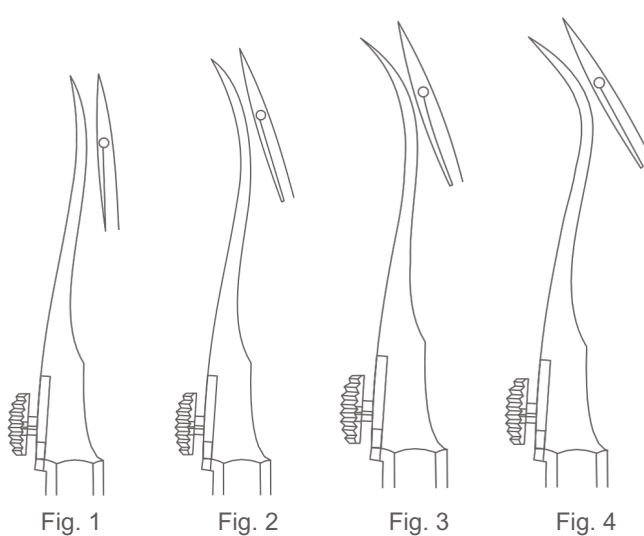
### TC Langenbeck Needle Holder

Catalog #	Size
MP-05-740-18	18 cm (7")
MP-05-740-20	20.5 cm (8")
MP-05-740-23	23 cm (9")



### Reverdin Ligature Needle Short

Catalog #	Size
MP-05-801-15	14.5 cm (5 3/4")
MP-05-803-15	14.5 cm (5 3/4")
MP-05-805-15	14.5 cm (5 3/4")
MP-05-807-15	14.5 cm (5 3/4")



**Reverdin Ligature Needle**

Medium

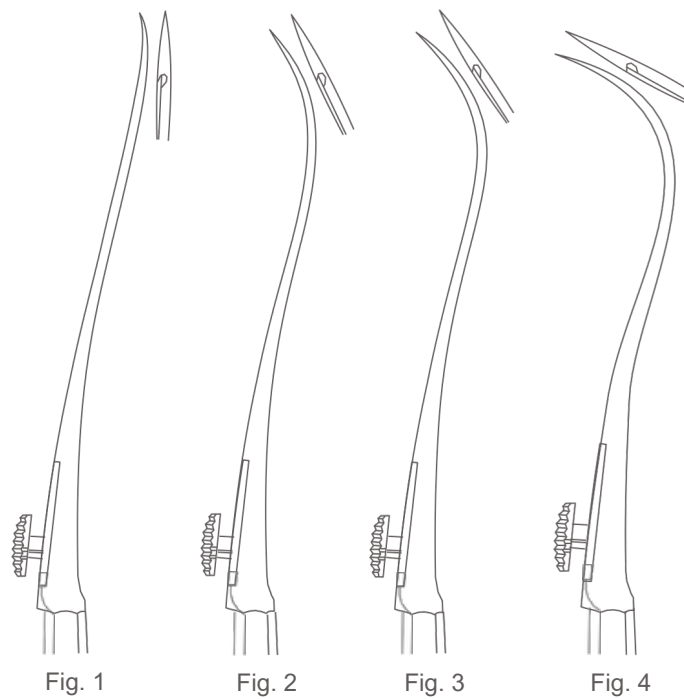
Catalog #	Size
MP-05-811-19	19.5 cm (7 3/4")
MP-05-813-19	19.5 cm (7 3/4")
MP-05-815-19	19.5 cm (7 3/4")
MP-05-817-19	19.5 cm (7 3/4")



**Reverdin Ligature Needle**

Long

Catalog #	Size
MP-05-821-23	23 cm (9")
MP-05-823-23	23 cm (9")
MP-05-825-23	23 cm (9")
MP-05-827-23	23 cm (9")





**Young Ligature Needle Holder Complete**  
With Needle

Catalog #                      Size  
MP-05-831-00                  24.5 cm (9 3/4")

**Young Ligature Needle Only**

Catalog #	MP-	Size, Profile
05-831-01		Standard, Fig. 1
MP-05-831-02	1	Standard, Fig. 2
MP-05-831-03		Standard, Fig. 3

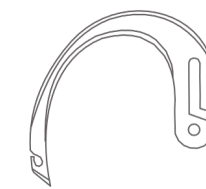


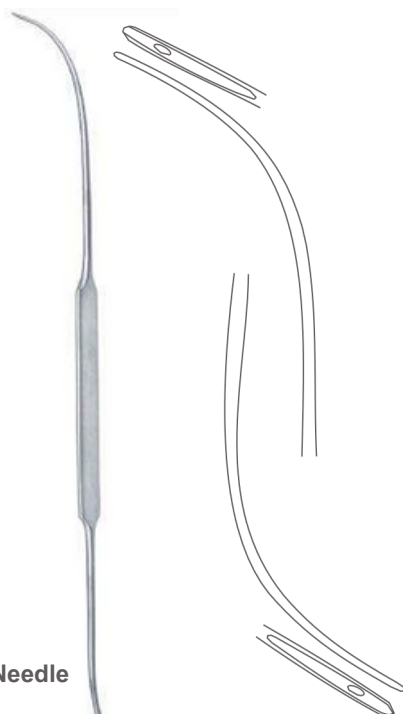
Fig. 1



Fig. 2



Fig. 3

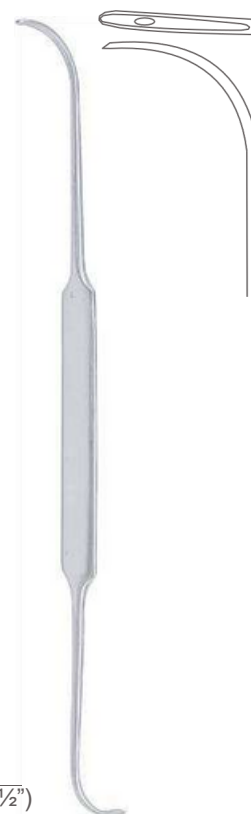


**Schmieden-Dick Ligature Needle**  
Malleable

Catalog #                      Size  
MP-05-835-32                  29 cm (11 1/2")

**Schmieden Ligature Needle**

Catalog #                      Size  
MP-05-837-21                  24 cm (9 1/2")





**Ligature Needle**  
Malleable

Catalog #	Size
MP-05-841-20	20.5 cm (8")



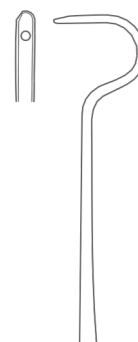
**Jonesco Ligature Needle**

Catalog #	Size
MP-05-843-18	18.5 cm (7 1/4")



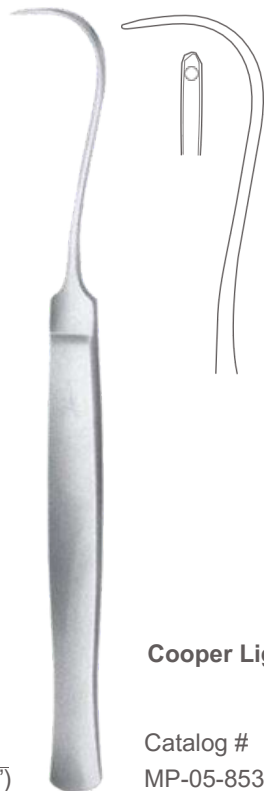
**Claus Van Eicken Ligature Needle**

Catalog #	Size
MP-05-845-25	25 cm (9 3/4")



**Ligature Needle**

Catalog #	Size
MP-05-849-15	15 cm (6")



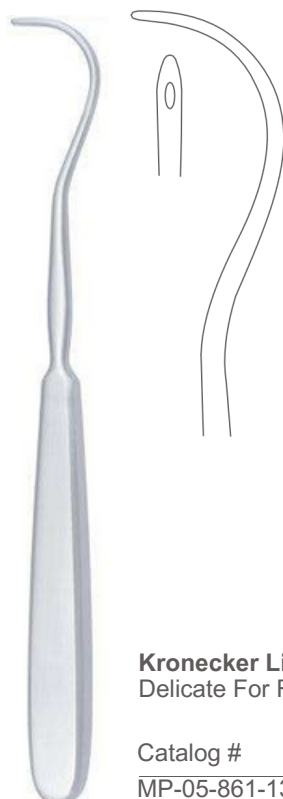
**Syme Ligature Needle**

Catalog #	Size
MP-05-851-17	17 cm (6 3/4")



**Cooper Ligature Needle**

Catalog #	Size
MP-05-853-19	18.5 cm (7 1/4")



**Kocher Ligature Needle**

Catalog #	Size
MP-05-855-20	20.5 cm (8")



**Kronecker Ligature Needle**  
Delicate For Right Hand

Catalog #	Size
MP-05-861-13	12.5 cm (5")



**Kronecker Ligature Needle**  
Delicate For Left Hand

Catalog #	Size
MP-05-863-13	12.5 cm (5")



**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #	Size
MP-05-871-24	24 cm (9 1/2")



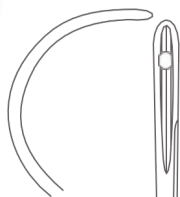
**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #	Size
MP-05-873-24	24 cm (9 1/2")



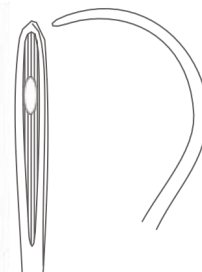
**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #	Size
MP-05-875-20	20 cm (8")



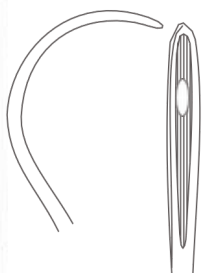
**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #      Size  
MP-05-877-20      20 cm (8")



**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #      Size  
MP-05-883-21      20 cm (8")



**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #      Size  
MP-05-885-21      20 cm (8")



**Deschamps Ligature Needle**  
Sharp For Right Hand

Catalog #      Size  
MP-05-887-20      20 cm (8")



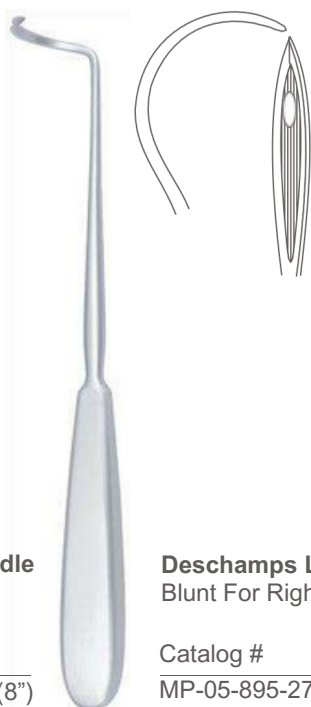
**Deschamps Ligature Needle**  
Sharp For Left Hand

Catalog #	Size
MP-05-889-20	20 cm (8")



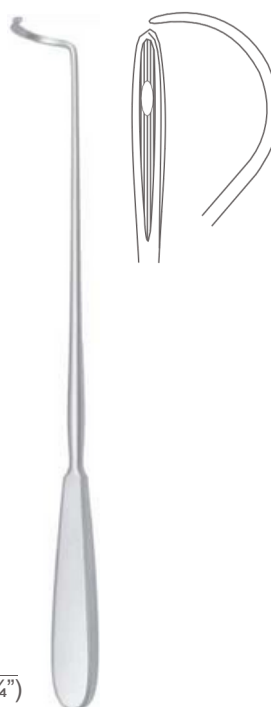
**Deschamps Ligature Needle**  
Sharp For Right Hand

Catalog #	Size
MP-05-891-21	20 cm (8")



**Deschamps Ligature Needle**  
Sharp For Left Hand

Catalog #	Size
MP-05-893-21	20 cm (8")



**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #	Size
MP-05-895-27	27 cm (10 3/4")



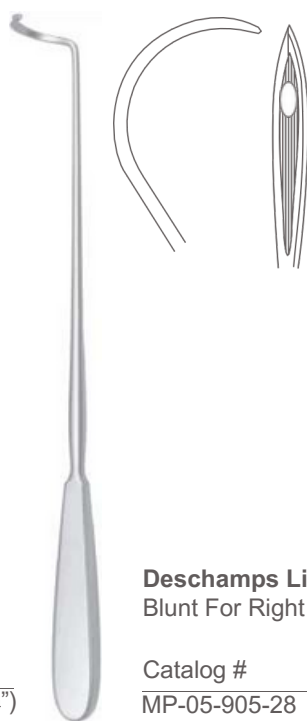
**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #	Size
MP-05-897-27	27 cm (10 3/4")



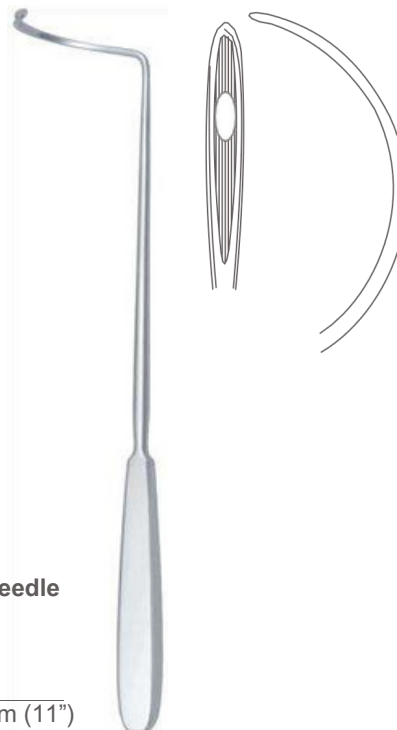
**Deschamps Ligature Needle**  
Sharp For Right Hand

Catalog #	Size
MP-05-901-27	27 cm (10 3/4")



**Deschamps Ligature Needle**  
Sharp For Left Hand

Catalog #	Size
MP-05-903-27	27 cm (10 3/4")



**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #	Size
MP-05-905-28	28 cm (11")



**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #	Size
MP-05-907-28	28 cm (11")



**Deschamps Ligature Needle**  
Sharp For Right Hand

Catalog #	Size
MP-05-911-20	20 cm (8")



**Deschamps Ligature Needle**  
Sharp For Left Hand

Catalog #	Size
MP-05-913-20	20 cm (8")



**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #	Size
MP-05-915-20	20 cm (8")



**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #	Size
MP-05-917-20	20 cm (8")



**Deschamps Ligature Needle**  
Blunt For Right Hand

Catalog #	Size
MP-05-921-20	21 cm (8 1/4")



**Deschamps Ligature Needle**  
Blunt For Left Hand

Catalog #	Size
MP-05-923-20	21 cm (8 1/4")



**Hurd Ligature Needle**  
Sharp For Right Hand

Catalog #	Size
MP-05-927-21	20.5 cm (8")



**Hurd Ligature Needle**  
Sharp For Left Hand

Catalog #	Size
MP-05-929-21	20.5 cm (8")



**Brunner Ligature Needle**

Catalog #	MP-	Size	30 cm
05-931-01		(11 3/4")	30 cm
MP-05-931-02		(11 3/4")	30 cm
MP-05-931-03		(11 3/4")	30 cm
MP-05-931-04		(11 3/4")	



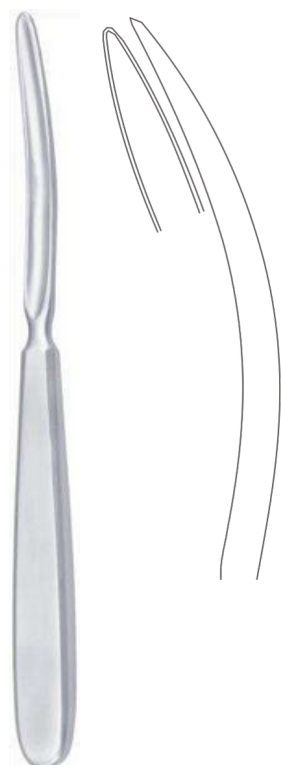
**Kirschner Ligature Needle**

Catalog #	Size
MP-05-935-25	25.5 cm (10")



**Ligature Needle**

Catalog #	Size
MP-05-937-28	28 cm (11")



**Martin Ligature Needle**

Catalog #	Size
MP-05-939-25	19.5 cm (7 3/4")



**Brunner Ligature Conductor**  
Ferrozell

Catalog #	Size
MP-05-941-18	18 cm (7")



**Kirschner Ligature Conductor**  
Ferrozell

Catalog #	Size
MP-05-943-27	27 cm (10 3/4")



**Ligature Conductor**  
Ferrozell

Catalog #	Size
MP-05-945-19	19 cm (7 1/2")



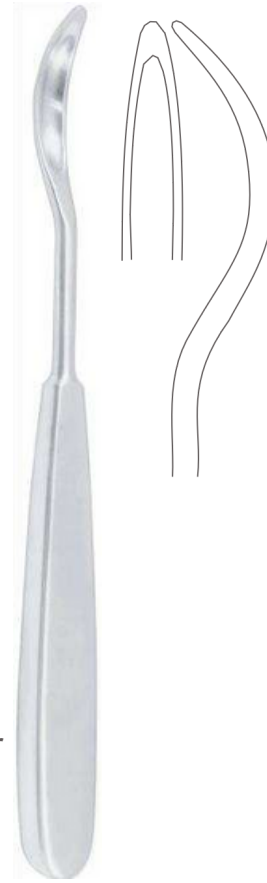
**Ligature Conductor**  
Ferrozell

Catalog #	Size
MP-05-949-24	24 cm (9 1/2")



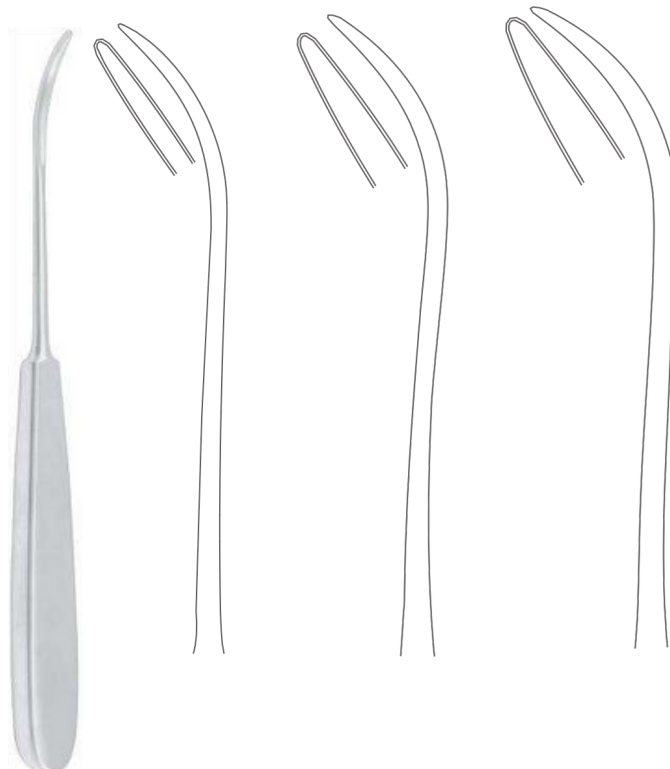
**Schmieden Ligature Conductor**

Catalog #	Size
MP-05-951-19	18 cm (7")



**Schmieden-Payr Ligature Conductor**

Catalog #	Size
MP-05-953-19	18 cm (7")



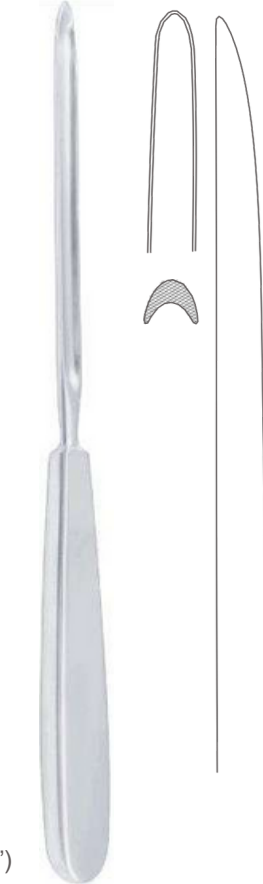
**Koeing Ligature Conductor**

Catalog #	MP-	Size
05-955-03		19.5 cm (7 3/4")
MP-05-955-05		19.5 cm (7 3/4")
MP-05-955-07		(7 3/4")



**Payr Ligature Conductor**

Catalog #	Size
MP-05-957-22	22 cm (8 3/4")



**Payr Ligature Conductor**

Catalog #	Size
MP-05-959-22	22 cm (8 3/4")



**Modell Wien Ligature Catcher**

Catalog #	Size
MP-05-961-23	23.5 cm (9 1/4")



**Bozemann Knot Tier**

Catalog #	Size
MP-05-963-21	21 cm (8 1/4")



**Ligature Adjuster**

Catalog #	Size
MP-05-965-23	23 cm (9")



**Caspar Ligature Adjuster**  
Bayonet Shaped

Catalog #	Size
MP-05-967-23	23 cm (9")



**Millin Ligature Holding Forcep**

Catalog #	Size
MP-05-969-24	24 cm (9 1/2")



**Childe Approximation Forcep**  
Heavy Pattern With Clip Holder

Catalog #	Size
MP-05-980-18	17.5 cm (7")



**Michel Clip Applying Forcep**

Catalog #	Size
MP-05-984-12	12 cm (4 3/4")



**Hegenbarth Clip Applying Forcep**

Catalog #	Size
MP-05-986-12	12 cm (4 3/4")



**Wachenfeldt Clip Applying Forcep**

Catalog #	Size
MP-05-988-12	12 cm (4 3/4")



**Michel Clip Applying & Removing Forcep**  
For Applying and Removal of Clips

Catalog #	Size
MP-05-990-12	12.5 cm (5")



**Michel Clip Applying & Removing Forcep**  
Long Jaws For Applying and Removal of Clips

Catalog #	Size
MP-05-992-12	13 cm (5")



**Collin Clip Applying Forcep**  
With Screw Lock

Catalog #	Size
MP-05-994-13	13 cm (5")



**Richter Clip Applying Forcep**  
With Screw Lock

Catalog #	Size
MP-05-997-14	13.5 cm (5 1/4")

**Michel Suture Clips**  
Pack of 1000

Catalog #	Clip Size
MP-05-999-01	7.5 x 1.75 mm
MP-05-999-02	11 x 2.0 mm
MP-05-999-03	12 x 3.0 mm
MP-05-999-04	14 x 3.0 mm
MP-05-999-05	16 x 3.0 mm
MP-05-999-06	18 x 3.0 mm
MP-05-999-07	20 x 3.0 mm
MP-05-999-08	22 x 3.0 mm

